Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

RECEIVED
OIL CONSERVATION DIVISION
FEB 13 2012
1220 South St. Francis Dr.
Santa Fe, NM 87505
HOBBSOCD

Form C-103
Revised August 1, 2011

WELL API NO.	30- 025-08489
5. Indicate Type of Lease	STATE ☐ FEE ☒
6. State Oil & Gas Lease No.	-

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name	Bell Lake Unit
1. Type of Well: Oil Well ☐ Gas Well ☐ Other SWD	8. Well Number 2
2. Name of Operator Kaiser-Francis Oil Company	9. OGRID Number 012361
3. Address of Operator P. O. Box 21468, Tulsa, OK 74121-1468	10. Pool name or Wildcat Bell Lake Delaware

4. Well Location
Unit Letter N : 660 feet from the South line and 3300 feet from the East line
Section 30 Township 23S Range 34E NMPM Lea County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3642 DF

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Please see attached P&A procedure + current & final wellbore diagrams.
Operations to begin 2/2012. * See attached memo from engineer.

HOBBS OCD
FEB 09 2012
RECEIVED

Spud Date: 4/14/54 Rig Release Date: 10/4/54

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [signature] TITLE Technical Coordinator DATE 2/6/12

Type or print name Charlotte Van Valkenburg E-mail address: Charlotv@kfoc.net PHONE: 918-491-4314

For State Use Only

APPROVED BY: [signature] TITLE Staff Mgr DATE 2-13-2012
Conditions of Approval (if any):

Kaiser-Francis Oil Company

Plugging and Abandonment Procedure
Bell Lake Unit #2 SWD
660' FSL & 3300 FEL, Section 30, T23S, R34E
Lea County, New Mexico
API # 30-025-08489

WELL DATA

Elevation: GL Elev. = 3642' KB Elev. = 3517'

Surface Casing: 13-3/8" 48# H-40?? @ 1,269', cemented w/ 840 sx circ

Inter. Casing: 9 5/8" 40# N-80 @ 6,080', cemented w/ 3150 sx, circ

Production Csg: 7" 26-32# N-80 @ 5,650'-12,469', cemented w/ 1360 sx.
TOC @ 7500'

TD: 13,866'
PBTD: 8,575' (top of cement plug)

Current Perfs: Delaware (disposal): 5185' – 7,070' OA

Formation Tops (MD): Delaware 5,122', Castille 4,038', Anhydrite 1,251'.
The Yates, Glorietta & Abo are not present in this wellbore.

Tubular Data

OD	Weight	Grade	Depth	Conn	ID	Drift	Capacity (bbl/ft)	Burst (80%)	Coll. (80%)	Jt Str. (80%)
9 5/8"	40#	N-80	0-6080'	LTC	8.835	8.679	0.075825	4600	2472	
7"	26#	N-80	0-12,469'	LTC	6.276	6.151	0.038262	5792	4328	
7"	29#	N-80	0-12,469'	LTC	6.184	6.059	0.037148	6528	5616	
7"	32#	N-80	0-12,469'	LTC	6.094	5.969	0.036075	7248	6880	
2 7/8"	6.5#	J-55	0-5060	8RD	2.441	2.347	0.005788	5808	6144	79728

Annulus	Capacity (bbl/ft)
2 7/8" X 9 5/8"	0.067796
2 7/8" X 7" 29#	0.029119

Tubing string: **155 joints 2 7/8" 6.5#, J-55 tubing w/ TK-70 coating**
2.25" ID plastic-coated SN
2 7/8" X 9 5/8" AS-1X nickel-coated packer @ 5,060' (set w/ 14K compression)

P&A PROCEDURE

1) Coordinate all plugging activities w/ State of New Mexico compliance officer Mark Whitaker. OCD Hobbs office # 575-393-6161. Notify BLM Hobbs office 575-393-3612 at least 48 hours in advance.

   Note: Notify all wellsite personnel: Do not throw any trash in wellbore!

2) **This well has the potential to produce H2S.** If necessary, rig up H2S safety equipment. Ensure all crews have monitors and are H2S trained. Have safety man to monitor conditions, windsocks and a trailer w/ air packs on location.

3) Prior to moving in rig, check and report tubing pressure. Attempt to blow well down to tanks for a day or two. Report results. Dig down around wellhead so that all valves are accessible.

   Note: If pressure will not bleed off, notify Tulsa to discuss required kill fluid.

4) MIRU WOR and pump truck. Kill well as needed w/ brine. ND wellhead. NU BOP w/ 2 7/8" pipe rams.

5) Release 9 5/8" AS-1X packer, allow well to equalize and TOOH-laying down plastic-coated tubing. LD 9 5/8" nickel-coated packer. Send packer in to shop and haul off tubing.

   Note: put thread protectors on plastic-coated tubing and send in.

6) Take delivery of 5300' of 2 7/8", 6.5#, J-55 tubing. Strap and tally pipe.

7) P/U and TIH w/ w/ 9 5/8" squeeze packer to +/- 5050' (subject to NM compliance officer request). Set packer, load and test back side to 500#. If backside doesn't test, P/U and re-set packer as necessary until backside holds. Report results and packer depth to Tulsa and discuss point-forward operations.

   Note: Probable ID restrictions in 9 5/8" and 7" casing strings. 8 5/8" bit made it to 5238' on 12/6/07. 6" bit made it to 6022'.

   Note: 9 5/8" casing wasn't testing w/ packer set at 5,060'.

8) With ~500# held on 2 7/8" X 9 5/8" annulus, establish injection rate into perforations below packer w/ fresh water. Report rate, pressures and volumes pumped.

9) MIRU cementers. RU and test lines. Mix cement. Pressure backside to 500#. Pump FW spacer and pump 275 sx 1.33 yield Class "C" cement down tubing. Stage/hesitate last 50 sx; attempting to squeeze off perforations.

Note: use approved H2S-resistant cement for all plugs.

10) PU w/ tubing and reverse string clean w/ a minimum of two tubing volumes of fresh water. Release packer and TOOH. LD packer.

11) TIH w/ tubing open-ended. Tag cement plug and report depth. If necessary, spot additional cement.

12) Displace wellbore to 9.5# brine-based approved plugging mud. Use 25sx gel / 100 bbls as per compliance officer's request.

13) **Castille Plug**: POOH w/ tubing to 4,038' and spot 35 sx 1.33 yield Class "C" + 2% CaCl2 cement (100' plug) f/ 4,038 – 3,938'.

14) P/U out of cement and reverse string clean w/ a minimum of two tubing volumes of plugging mud. RBIH to tag plug if required. WOC & TAG

15) **Anhydrite Plug**: POOH w/ tubing to 1,251' and spot 35 sx 1.33 yield Class "C" + 2% CaCl2 cement (100' plug) f/ 1,251 – 1,151'.

16) P/U out of cement and reverse string clean w/ a minimum of two tubing volumes of plugging mud. RBIH to tag plug if required. WOC & TAG

17) **Surface Plug:** POOH w/ tubing-laying down to 103'. Spot 35 sx Class "C" + 2% CaCl2, 1.33 yield surface plug f/ 103' to 3'. RDMO cementers.

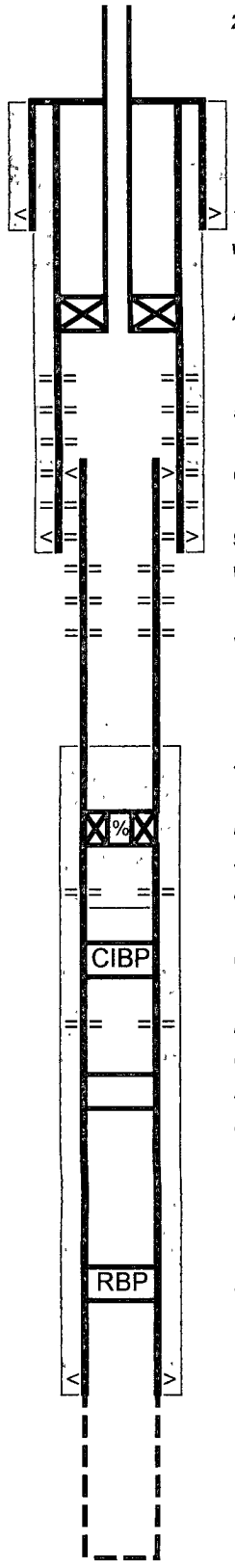
Note: keep hole full while coming out with tubing.

18) ND BOP. Cut off wellhead and mark location w/ 4' marker as per NM requirements. RDMO WOR and release all rentals.

19) Dig up rig anchors and remediate location.

WELL DIAGRAM - 11/27/07

BELL LAKE UNIT NO. 2 SWD
660' FSL & 3300' FEL
SECTION 30-23S-34E
LEA COUNTY, MEXICO



2-7/8" 6.5# J55 @ 5088'

13-3/8" 48# @ 1269'
w/840 sks (circ)

AD-1 pkr @ 5102'

5185'-7070' O/A

Cut off 7" @ 5650'

9-5/8" 40# @ 6080'
w/3150 sks

5185-7070' O/A

36 sk cmt plug @ 8575'

Retainer @ 8590'
Sqz 100 sks
8677-8734'

CIBP @ 8825'

BONE SPRINGS
8856-66'
20 sk cmt plug @
8910-9000'

RBP @ 12,000'

7" 26# - 30# 12,469'
w/1360 sks

Open hole
12,469-13,866'

TD @ 13,866'

SPUD: 4/14/54 GL: 3642' RTD: 13,044'

COMPLETION:

5" Liner 12,319'-13,034' w/100 sxs
PERF: 12,976-994' (72); 12,936-42 (24); 12,948-56 (24'); 12,960-66' (24)
swab dry, CIBP 12,934'
PERF: 12,906-27 (84), Acid w/500 gal, 254 MCFD, BP @ 12,890'
PERF: 12,816-27 (44); 12,842-70 (112)
BP 12,780'
PERF: 12,714-26 (48)
BP 12,690'
PERF: 12,635-65 (120) - 60 BC in 10 hrs, 2337 MCFD rate
COMP 10/30/54 - SI gas well

WO: 1/62: CO & mill out 5" liner deepen to 13,866', ran DST, TA well 1/19/62

WO: 4/63: PB & Recomplete in Bone Springs
Set 20 sx cmt plug 8910-9000'
PERF: BONE SPRINGS 8856-66'
A/500 gal MCA - non commercial
Set CIBP @ 8825'
PERF: BONE SPRINGS 8677-92'; 8700-8; 8728-34' (25 spf)
A/2000 gal acid - non commercial
Set ret 8590', sqz w/100 sxs
TA well

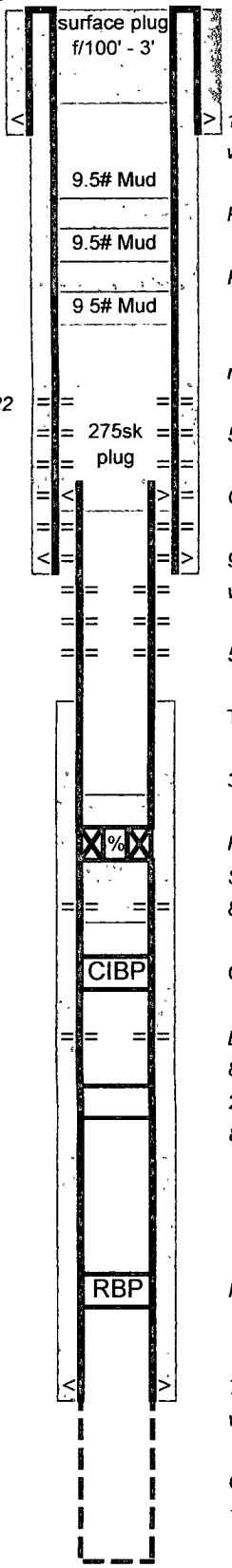
WO: 7/72: Convert to SWD
Spot 36 sx plug @ 8575', cut off 7" @ 5650'
PERF: 7060-70', 7000-10'; 6910-20'; 6945-6505'; 6410-20'; 6270-80'; 6235-45'; 6155-65'; 5585-95'; 5515-25'; 5470-80'; 5410-20'; 5365-75'; 5310-20'; 5250-60'; 5185-95' (5 shots/10')
A/6165-70' w/5000 gal 20% HCL
A/5585-98/15-25/5420-80/10-20/5365-75'/5310-20' each w/500 gal 20% NEFE
A/5250-5185/w/1000 gal 20% NEFE
set pkr @ 5102'

WS: 3/5/91: MIT test to 520#

5/05: KFOC took over operations from Conoco.
6/05 Acidize w/ 1000 gal 20% Hcl. Replace leaking wellhead flange.
7/05: Acidize w/ 2000 gals 20% HCl.
10/05: Acidize w/ 2000 gals 20% HCl.

6/06: Acidize w/ 2000 gals 20% HCl.
4/07: Acidize w/ 2000 gals 20% HCl.
6/07: Inj press 1250, flow back 130 bbls, tag blockage in tbg
WO: 11/27/07: Repl tbg, re-perf, acidize

WELL DIAGRAM - 1/26/12
BELL LAKE UNIT NO. 2 SWD
660' FSL & 3300' FEL
SECTION 30-23S-34E
LEA COUNTY, MEXICO



Geologic Tops

Anhy 1251

Castille 4038

Delaware 5122

13-3/8" 48# H40 @ 1269'
w/840 sks (circ)

Plug f/ 1151-1251

Plug f/ 3,938- 4,038

ret at 4950 (25sx on top)

5185'-7070' O/A

Cut off 7" @ 5650'

9-5/8" N-80 40# @ 6080'
w/3150 sks (circ)

5185-7070' O/A

TOC @ 7500' (temp)

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6/06: Acidize w/ 2000 gals 20% HCl.
4/07: Acidize w/ 2000 gals 20% HCl.
6/07: Inj press 1250, flow back 130 bbls, tag blockage in tbg
WO: 11-12/07: C/O to 6,022' w/ 6" mill. Repl tbg w/ TK-70 plastic-lined.
WO: 5/09: Failed MIT. Pulled packer up to 5,060' re-set w/ 14K and passed MIT.
11/16/11: Failed MIT.

February 1, 2012

To: Mr. Whitaker
Compliance Officer
New Mexico Energy, Minerals and Natural Resources
Oil and Gas Division

Regarding: Bell Lake #2 SWD MIT compliance

Mr. Whitaker:

In response to your letter dated 11/16/2011, we are planning to plug and abandon the Bell Lake Unit #2 (API 30-025-08489). We will attempt to locate a plugging contractor as soon as we have a plugging procedure approved. Please find the attached form C-103, proposed procedure and well schematics and let us know if they are acceptable. If they are, we'll start work on this project. In your review of the proposed procedure, please consider the fact that we have made significant attempts to clean out the 7" casing but have only been able to get down to 6,022'. Also, due to current shortages of people and equipment in this area, getting the plugging work accomplished by the imposed deadline of 2/18/2012 may be difficult.

Should you have any questions or recommendations regarding the proposed work, please contact me at 918-491-4350

Sincerely,
KAISER-FRANCIS OIL COMPANY

David B. Zerger
Petroleum Engineer